

Automatic lift turners

Reduces awkward lifting



Ergonomics @ work

Description

PVC pipe is often manufactured with a "bell" or widening at one end where another pipe will be inserted. In order to stack pipe tightly for shipping, the bell ends need to be alternated, so every other pipe has to be lifted and turned 180 degrees before stacking them. This used to be done by hand, which can be a difficult lift for larger pieces of pipe. At PW Pipe, a Washington manufacturer, they have installed automatic lift turners that take care of this task, so now machine operators can concentrate on making sure the production process is running smoothly, instead of spending much of their time lifting pipe.



Alternating ends on pipe stacked for shipping



The old way: Lifting pipe overhead in order to rotate it



The new way: Automatic lift turner rotates every other pipe

[e-mail an L&I ergonomist](mailto:ergonomics@LNI.wa.gov)
(ergonomics@LNI.wa.gov)

